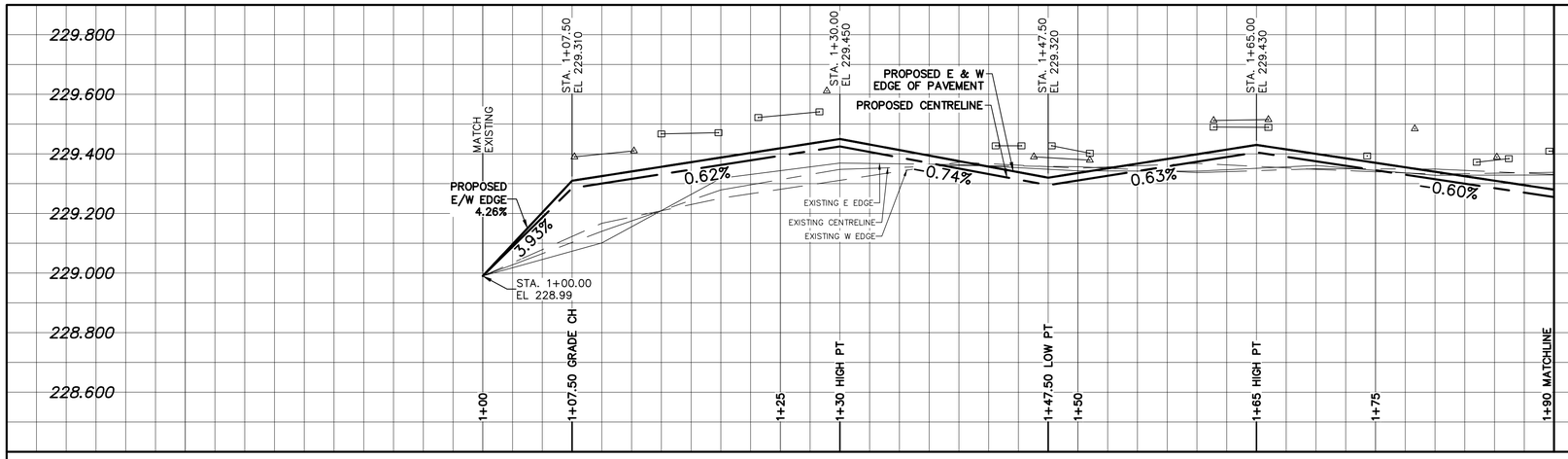
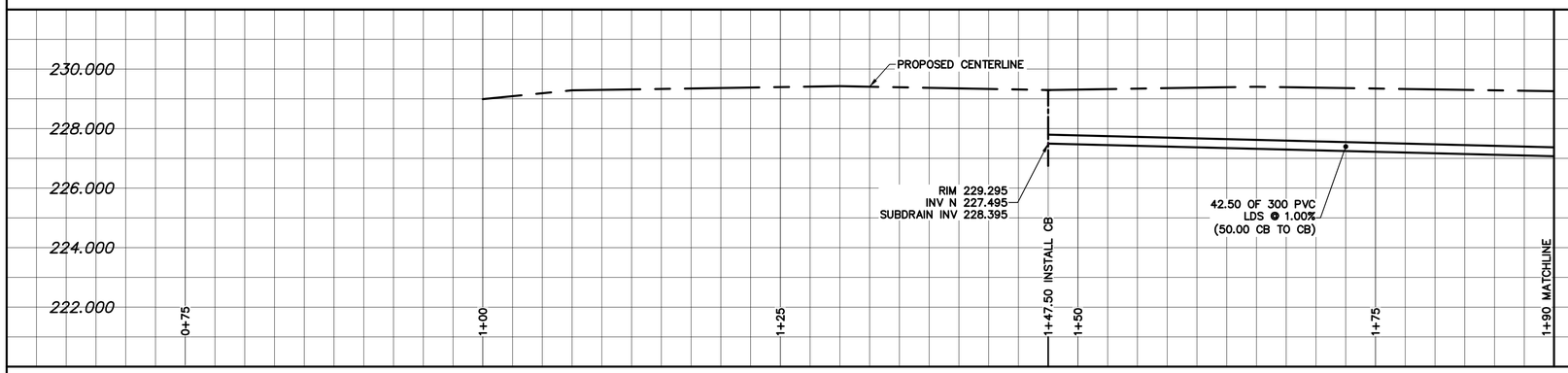


ALLEY PAVEMENT PROFILE

SCALE: 1:250 HOR
1:10 VER

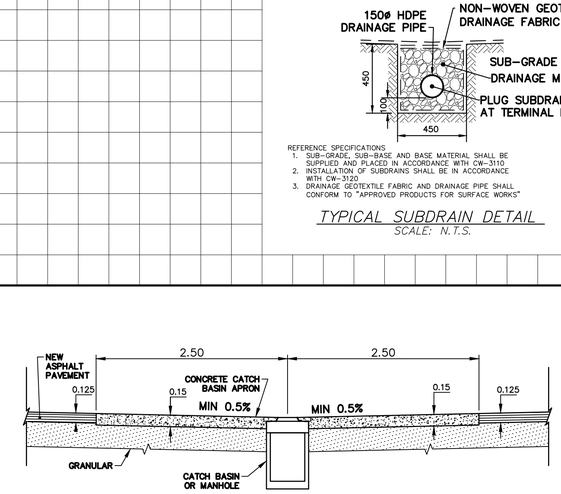
NOTES:

1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATION.
2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO AVOID DAMAGE TO EXISTING TREES WITHIN THE LIMITS OF THE ALLEY RIGHT OF WAY AS OUTLINED IN THE BID OPPORTUNITY.
4. HYDRO POLES AND ANCHORS REQUIRING TEMPORARY SUPPORT TO BE DONE AT THE EXPENSE OF THE CONTRACTOR AS REQUIRED.
5. WHERE UNSTABLE SUB-GRADES ARE ENCOUNTERED, ADDITIONAL EXCAVATION/SUB-BASE AND INSTALLATION OF GEOGRID TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR AND CONSTRUCTED IN ACCORDANCE W/ CW-3110.
6. PROPOSED ELEVATIONS GIVEN ARE FOR EDGE OF PAVEMENT.
7. ISOLATE EXISTING HYDRO POLES AS PER SD-228C.
8. RENEW CURB AND SIDEWALK AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
9. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL BACK LANE RADII.
10. ALL EXISTING PRIVATE APPROACHES TO BE RENEWED AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
11. ADJUSTMENTS TO PROPOSED CROSSFALL, WHERE REQUIRED, ARE TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR TO SUIT EXISTING DRIVEWAYS, APPROACHES, ETC.
12. ALL BOULEVARD RESTORATION TO BE SODDED UNLESS OTHERWISE NOTED.
13. INSTALLATION OF LIP CURBS AND THEIR LIMITS THROUGH PRIVATE APPROACHES TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR.
14. REMOVE, ADJUST, AND SUPPLY PRECAST SIDEWALK BLOCKS AS DIRECTED BY THE CONTRACT ADMINISTRATOR.



LAND DRAINAGE SEWER PROFILE

SCALE: 1:250 HOR
1:100 VER



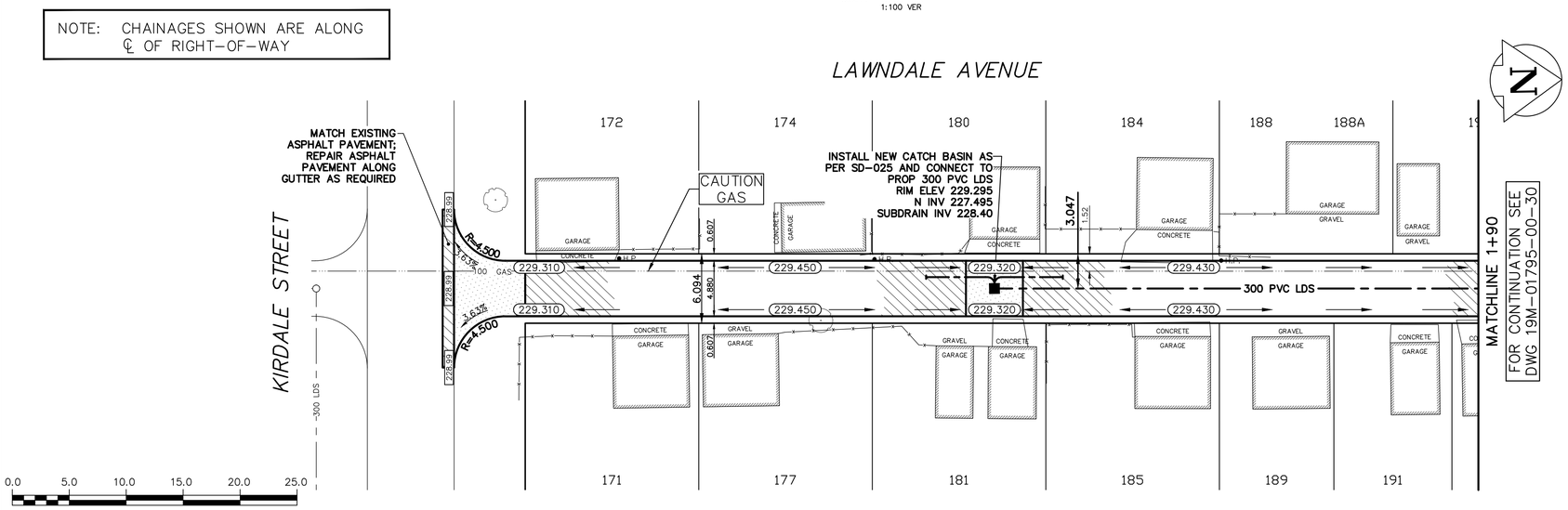
REFERENCE SPECIFICATIONS

1. SUB-GRADE, SUB-BASE AND BASE MATERIAL SHALL BE SUPPLIED AND PLACED IN ACCORDANCE WITH CW-3110
2. INSTALLATION OF SUBDRAINS SHALL BE IN ACCORDANCE WITH CW-3120
3. DRAINAGE GEOTEXTILE FABRIC AND DRAINAGE PIPE SHALL CONFORM TO "APPROVED PRODUCTS FOR SURFACE WORKS"

TYPICAL SUBDRAIN DETAIL

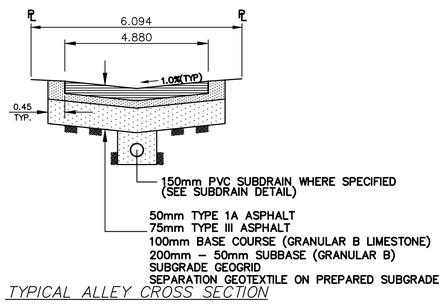
SCALE: N.T.S.

NOTE: CHAINAGES SHOWN ARE ALONG ℄ OF RIGHT-OF-WAY



TYPICAL CATCHBASIN APRON DETAIL

SCALE: N.T.S.



TYPICAL ALLEY CROSS SECTION

SCALE: N.T.S.

	WATERMAIN		M.T.S.	150 WM	WATERMAIN	150 WM		
	HYDRANT		CONCRETE/ASPHALT		VALVE			
	VALVE		SIDEWALK	300 LDS	LAND DRAINAGE SEWER	300 LDS		
	CURB STOP		CURB RAMP	250 WWS	WASTE WATER SEWER	250 WWS		
	LAND DRAINAGE SEWER	232.00	ELEVATIONS	(232.000)	CENTERLINE			
	WASTE WATER SEWER		PROPERTY LINE		SOUTH & EAST GUTTER			
	CB LEAD		SURVEY BAR		NORTH & WEST GUTTER			
	MANHOLE		HYDRO POLE		S & E GARAGE PAD			
	CATCH BASIN		STREET LIGHT		N & W GARAGE PAD			
	GAS		JOINTS					
	HYDRO		ASPHALT REPAIR					
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO	REVISIONS	DATE	BY
	B.M. ELEV.		
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2	ISSUED FOR TENDER	16/04/20	A.B.
1	PRELIMINARY DESIGN REVIEW	15/01/20	D.R.

DESIGNED BY	A.B.	CHECKED BY	S.M.
DRAWN BY	D.R.	APPROVED BY	S.M.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION	--
VERT. SCALE:	AS SHOWN		
	JANUARY 2020		--

NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO. 19M-01795-00 **-29**

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
WSP Canada Group Limited
No. 6657

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2020 LOCAL IMPROVEMENTS
LAWNDALE AVENUE / FERNDALE AVENUE ALLEY
FROM KIRKDALE STREET TO STA 1+90

ASPHALT PAVEMENT

CITY DRAWING NO. LD-----
SHEET 1 OF 2
BID OPPORTUNITY 260-2020

PLOT DATE: April 20, 2020

BID OPPORTUNITY: 260-2020
CONTRACT NUMBER: ----

FILE PATH: P:\2019\19M-01795-00 - 2020 Local Street and Asphalt Alley 20-R-05 and 20-LI-01\04 2020 Local Improvements\Design\Drawings\Final Working Drawings
FILE NAME: Drawings